

**DESCRIPTIVE ABSTRACT**

This is an optical deflection matrix comprising at least two optical deflection modules each for providing from an incoming beam (f1) having a given direction of propagation (d1), an output beam (f2) having a direction of propagation taken in a set of potential directions (d2, d3, d4). The modules each comprise a single deflection element (1) of the incoming beam capable of assuming several potential positions which are in relation to the potential directions of the set and two fixed return elements (2), on either side of the deflection element (1), a main potential position of the deflection element (1) leading to a principal direction of the set, this principal direction (d2) being colinear with the given direction of propagation (d1) of the incoming beam (f1), the principal directions of the deflection modules being located in the same plane.

Application especially to the routing of beams.

Fig. 3A